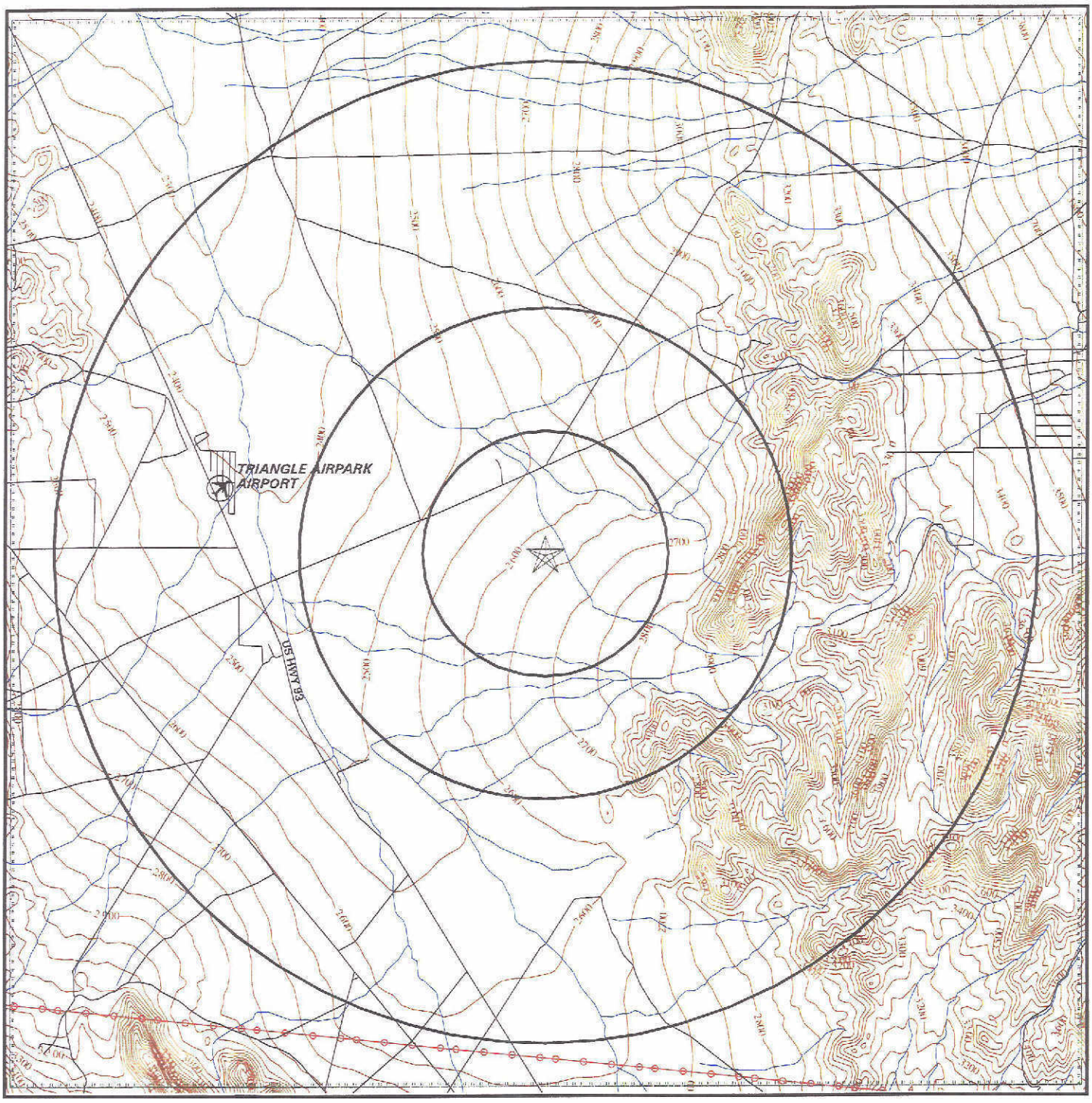
National Wetlands Inventory Map



Major Roads
Contour Lines
Waterways
County Boundary
Airports
Power Lines
Pipe Lines
Fault Lines
Water
Federal Wetlands
Electronic NWI data available
Electronic NWI data not available

0 1 1/4 2 1/2 5 Miles

TARGET PROPERTY:	White Hills Site	CUSTOMER:	Stanley Consultants	CL01113
ADDRESS:	White Hills Site	CONTACT:	Scott Byram	
CITY/STATE/ZIP:	Meadview AZ 86444	INQUIRY #:	01344500.1r	
LAT/LONG:	35.7049 / 114.4225	DATE:	January 19, 2005	TC01344500.1r Page 12 of 29

WETLANDS MAP FINDINGS

Source: Fish and Wildlife Service NWI data

NWI hardcopy map at target property: White Hills
Additional NWI hardcopy map(s) in search area:
Senator Mountain
Senator Mountain
White Hills
Mount Perkins

Map ID Direction Distance Distance (ft.)	Code and Description*	Database

No Sites Reported.

*See Wetland Classification System for additional information.

WETLANDS CLASSIFICATION SYSTEM

National Wetland Inventory Maps are produced by the U.S. Fish and Wildlife Service, a sub-department of the U.S. Department of the Interior. In 1974, the U.S. Fish and Wildlife Service developed a criteria for wetland classification with four long range objectives:

- to describe ecological units that have certain homogeneous natural attributes,
- to arrange these units in a system that will aid decisions about resource management,
- to furnish units for inventory and mapping, and
- to provide uniformity in concepts and terminology throughout the U.S.

High altitude infrared photographs, soil maps, topographic maps and site visits are the methods used to gather data for the productions of these maps. In the infrared photos, wetlands appear as different colors and these wetlands are then classified by type. Using a hierarchical classification, the maps identify wetland and deepwater habitats according to:

- system
- subsystem
- class
- subclass
- modifiers

(as defined by Cowardin, et al. U.S. Fish and Wildlife Service FWS/OBS 79/31. 1979.)

The classification system consists of five systems:

1. marine
2. estuarine
3. riverine
4. lacustrine
5. palustrine

The marine system consists of deep water tidal habitats and adjacent tidal wetlands. The riverine system consists of all wetlands contained within a channel. Thelacustrine systems includes all nontidal wetlands related to swamps, bogs & marshes. The estuarine system consists of deepwater tidal habitats and where ocean water is diluted by fresh water. The palustrine system includes nontidal wetlands dominated by trees and shrubs and where salinity is below .5% in tidal areas. All of these systems are divided in subsystems and then further divided into class.

National Wetland Inventory Maps are produced by transferring gathered data on a standard 7.5 minute U.S.G.S. topographic map. Approximately 52 square miles are covered on a National Wetland Inventory map at a scale of 1:24,000. Electronic data is compiled by digitizing these National Wetland Inventory Maps.

SYSTEM — **MARINE**

SUBSYSTEM — **1 - SUBTIDAL**

CLASS	Subclass
RB-ROCK BOTTOM	1 Bedrock 2 Rubble
UB-UNCONSOLIDATED BOTTOM	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic
AB-AQUATIC BED	1 Algal 3 Rooted Vascular 5 Unknown Submergent
RF-REEF	1 Coral 3 Worm
OW-OPEN WATER / Unknown Bottom	

SUBSYSTEM — **2 - INTERTIDAL**

CLASS	Subclass
AB-AQUATIC BED	1 Algal 3 Rooted Vascular 5 Unknown Submergent
RF-REEF	1 Coral 3 Worm
RS-ROCKY SHORE	1 Bedrock 2 Rubble
US-UNCONSOLIDATED SHORE	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic

SYSTEM — **E - ESTUARINE**

SUBSYSTEM — **1 - SUBTIDAL**

CLASS	Subclass
RB-ROCK BOTTOM	1 Bedrock 2 Rubble
UB-UNCONSOLIDATED BOTTOM	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic
AB-AQUATIC BED	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface
RF-REEF	2 Mollusk 3 Worm
OW-OPEN WATER / Unknown Bottom	

SUBSYSTEM — **2 - INTERTIDAL**

CLASS	Subclass
AB-AQUATIC BED	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface
RF-REEF	2 Mollusk 3 Worm
SB - STREAMBED	1 Cobble- Gravel 2 Sand 3 Mud 4 Organic
RS-ROCKY SHORE	1 Bedrock 2 Rubble
US-UNCONSOLIDATED SHORE	1 Cobble- Gravel 2 Sand 3 Mud 4 Organic
EM-EMERGENT	1 Persistent 2 Nonpersistent
SS-SCRUB SHRUB	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen
FO-FORESTED	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen

SYSTEM — **R - RIVERINE**

SUBSYSTEM	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL
CLASS	RB-ROCK BOTTOM UB-UNCONSOLIDATED BOTTOM		*SB-STREAMBED AB-AQUATIC BED RS-ROCKY SHORE US-UNCONSOLIDATED SHORE		**EM-EMERGENT OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Mud 6 Organic 7 Vegetated	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent

* STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS, and comprises the only CLASS in the INTERMITTENT SUBSYSTEM.
**EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS.

SYSTEM — **L - LACUSTRINE**

SUBSYSTEM — **1 - LIMNETIC**

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	

SUBSYSTEM — **2 - LITTORAL**

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	EM-EMERGENT	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent	

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SUBSYSTEM — **P - PALUSTRINE**

CLASS	RB--ROCK BOTTOM	UB--UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	US--UNCONSOLIDATED SHORE	ML--MOSS-LICHEN	EM--EMERGENT	SS--SCRUB-SHRUB	FO--FORESTED	OW-OPEN WATER/ Unknown
Bottom									
Subclass	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Cobble-Gravel 2 Sand	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	1 Moss 2 Lichen	1 Persistent 2 Nonpersistent	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6Deciduous 7 Evergreen	

MODIFIERS

In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME

Non-Tidal

A Temporarily Flooded
B Saturated
C Seasonally Flooded
D Seasonally Flooded/ Well Drained
E Seasonally Flooded/ Saturated
F Semipermanently Flooded
G Intermittently Exposed

Tidal

H Permanently Flooded
J Intermittently Flooded
K Artificially Flooded
W Intermittently Flooded/Temporary
Y Saturated/Semipermanent/ Seasonal
Z Intermittently Exposed/Permanent
U Unknown

CoastalHalinityInlandSalinitypHModifiersfor

K Artificially Flooded
L Subtidal
M Irregularly Exposed
N Regularly Flooded
P Irregularly Flooded

*S Temporary-Tidal
*R Seasonal-Tidal
*T Semipermanent -Tidal
V Permanent -Tidal
U Unknown

*These water regimes are only used in tidally influenced, freshwater systems.

WATER CHEMISTRY

1 Hyperhaline
2 Euhaline
3 Mixohaline (Brackish)
4 Polyhaline
5 Mesohaline
6 Oligohaline
0 Fresh

7 Hypersaline
8 Eusaline
9 Mixosaline
0 Fresh

all Fresh Water

a Acid
t Circumneutral
i Alkaline

SOIL

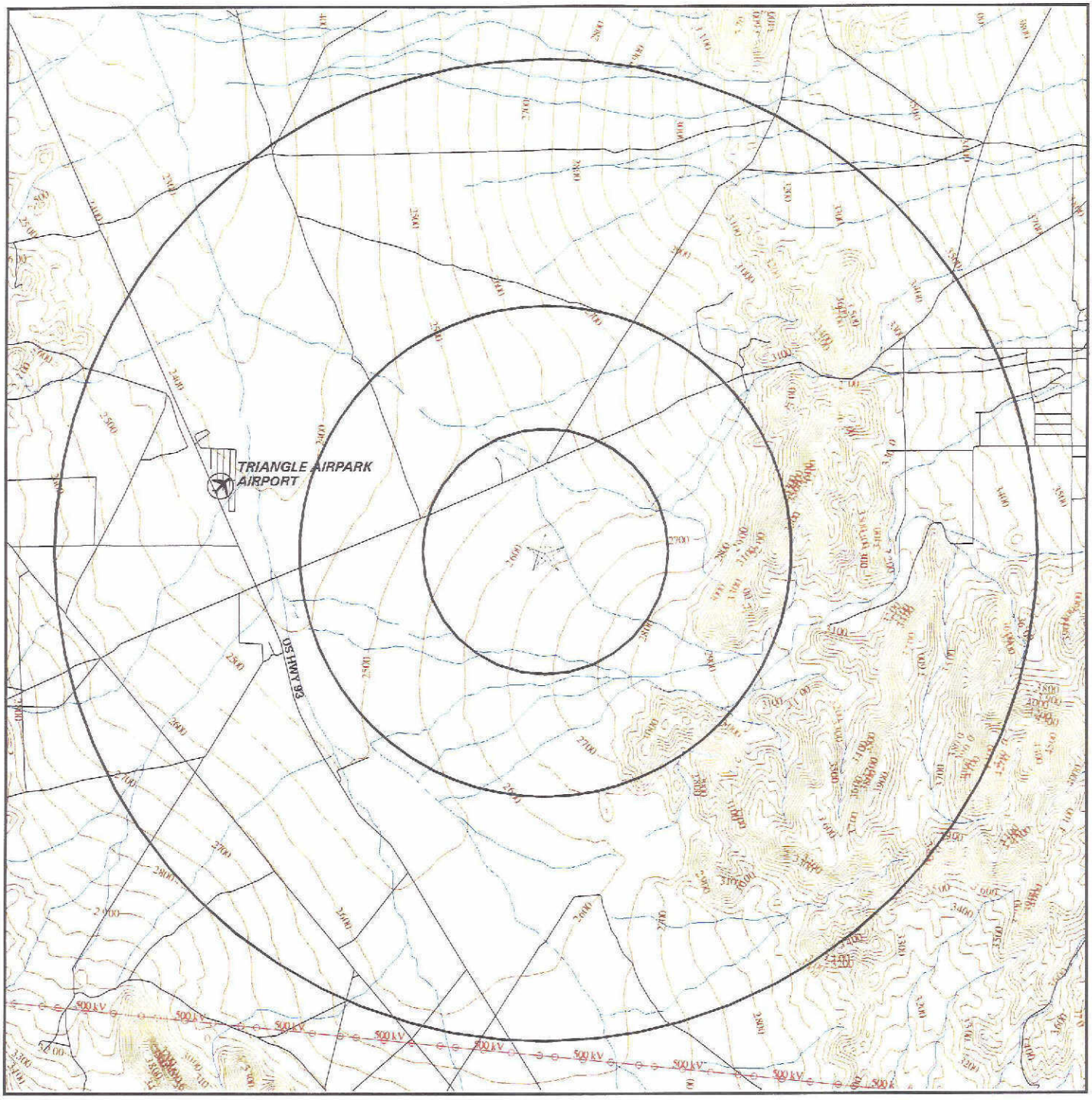
g Organic
n Mineral

SPECIAL MODIFIERS

b Beaver
d Partially Drained/Ditched
f Farmed
h Diked/Impounded
r Artificial Substrate
s Spoil
x Excavated

Source: U.S. Department of the Interior
Fish and Wildlife Service
National Wetlands Inventory

FCC & FAA Sites Map



0 1 1/4 2 1/2 5 Miles

Streets
Contour Lines
County Boundary
Waterways
Power Lines
Water
Airports

Sites
Omni Directional AM Interference
Directional AM Interference

TARGET PROPERTY:	White Hills Site	CUSTOMER:	Stanley Consultants
ADDRESS:	White Hills Site	CONTACT:	Scott Byram
CITY/STATE/ZIP:	Meadview AZ 86444	INQUIRY #:	01344500.1r
LAT/LONG:	35.7049 / 114.4225	DATE:	January 19, 2005

CL01119

FCC & FAA SITES MAP FINDINGS
TOWERS

Map ID Direction Distance Distance (ft.)	EDR ID Database

No Sites Reported.

FCC & FAA SITES MAP FINDINGS
AIRPORTS

EDR ID
Database

AIR01470
AIRPORTS

Site Number:	00822.97*A		
Airport Type:	AIRPORT	State:	ARIZONA
County:	MOHAVE	City:	WHITE HILLS
Facility Name:	TRIANGLE AIRPARK	Owner type:	PR
Use:	PR	Owner:	BOULDER CITY AERO CLUB INC.
Owner Address	HC-37 BOX 979-14	City/State:	KINGMAN, AZ 96401
Phone:	602-767-4382	Mgmt Name:	DAN DUFRESNE, PRES
Mgmt Address:	HC-37 BOX 979-14	Mgmt City/St:	KINGMAN, AZ 96401
Mgmt Phone:	602-767-4382	Latitude:	35-42-52.959N
Longitude:	114-28-52.888W	Lat Method:	E
Elev (ft):	2419	Elev method:	E
Aero chart:	PHOENIX	Dist from Business:	05
Dir from Business:	SW	Date Active:	07/1982
Certified Date:	Not Reported	Fed agreements:	Not Reported
Is Int'l Airport?:	Not Reported	Is Customs Airport?:	Not Reported
Inspection Method:	2	Inspected by:	N
Last inspected:	Not Reported	Attendance:	IREG
Lighting:	Not Reported	Has ATC Tower:	N
Beacon Color:	Not Reported	Landing fee:	Not Reported
Single engine:	Not Reported	Multi engine:	Not Reported
Jet engines:	Not Reported	Helicopters:	Not Reported
Gliders:	Not Reported	Military:	Not Reported
Ultralights:	Not Reported	Commercial:	Not Reported
Air taxis:	Not Reported	Local ops:	Not Reported
Runway id:	16/34	Length:	4000
Width:	200	Surface:	DIRT
Lights Intensity:	Not Reported	Base End Id:	16
Markings:	Not Reported	Latitude:	Not Reported
Longitude:	Not Reported	Elevation:	Not Reported
Approach lights:	Not Reported	End Lights:	Not Reported
Centerline Lights:	Not Reported	Touchdown Lights:	Not Reported
Recip End ID:	34	Recip markings:	Not Reported
Recip Lat:	Not Reported	Recip Long:	Not Reported
Recip Elev:	Not Reported	Recip App Lgts:	Not Reported
Recip End Lgts:	Not Reported	Recip Ctr Lgts:	Not Reported
Runway id:	E/W	Length:	2110
Width:	150	Surface:	DIRT
Lights Intensity:	Not Reported	Base End Id:	E
Markings:	Not Reported	Latitude:	Not Reported
Longitude:	Not Reported	Elevation:	Not Reported
Approach lights:	Not Reported	End Lights:	Not Reported
Centerline Lights:	Not Reported	Touchdown Lights:	Not Reported
Recip End ID:	W	Recip markings:	Not Reported
Recip Lat:	Not Reported	Recip Long:	Not Reported